

Title (en)

OSCILLATOR ARRANGEMENT, METHOD, COMPUTER PROGRAM AND COMMUNICATION DEVICE

Title (de)

OSZILLATORANORDNUNG, VERFAHREN, COMPUTERPROGRAMM UND KOMMUNIKATIONSVORRICHTUNG

Title (fr)

AGENCEMENT D'OSCILLATEUR, PROCÉDÉ, PROGRAMME INFORMATIQUE ET DISPOSITIF DE COMMUNICATION

Publication

**EP 3078114 A1 20161012 (EN)**

Application

**EP 13802592 A 20131205**

Priority

EP 2013075705 W 20131205

Abstract (en)

[origin: WO2015082009A1] A reference oscillator arrangement is provided for a communication apparatus capable of communicating according to a plurality of transport formats. The reference oscillator arrangement comprises a reference oscillator controller; a resonator core comprising a reference resonator and a driving circuit for the reference resonator, wherein the resonator core is arranged to provide an oscillating signal at a frequency of the reference resonator; and a reference oscillator buffer arrangement, connected to the resonator core, comprising an active circuit arranged to provide a reference oscillator output based on the oscillating signal. The reference oscillator controller is arranged to receive information about an applied transport format and control the driving circuit and/or the active circuit based on the information about the applied transport format. An oscillator arrangement, a communication device, methods therefor and a computer program are also disclosed.

IPC 8 full level

**H03B 5/32** (2006.01); **H03L 7/099** (2006.01)

CPC (source: EP US)

**H03B 5/32** (2013.01 - EP US); **H03L 7/099** (2013.01 - EP US); **H03L 7/1075** (2013.01 - US); **H04W 28/14** (2013.01 - US); **H03B 2200/0062** (2013.01 - EP US); **H03B 2200/009** (2013.01 - US); **H03B 2201/038** (2013.01 - EP US)

Citation (search report)

See references of WO 2015082009A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

**WO 2015082009 A1 20150611**; CN 105794106 A 20160720; CN 105794106 B 20190614; EP 3078114 A1 20161012; US 2017026049 A1 20170126; US 9929737 B2 20180327

DOCDB simple family (application)

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